

Query/Command : PRT MAX 1-5 IMG LEGAL

51

1/1 DWPI - (C) Derwent
AN - 1992-274055 [33]
XA - C1992-122091
TI - Purificn. of water soln. contg. plasma derived albumin - decreasing
aluminium soln. by anion exchange to reduce aluminium content to below
200 parts per billion
DC - B04
PA - (GREC) GREEN CROSS CORP
NP - 2
NC - 1
PN - JP04187700 A 19920706 DW1992-33 C07K-015/06 5p *
AP: 1990JP-0315000 19901119
- JP2982296 B2 19991122 DW2000-01 C07K-014/765 4p
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AP: 1990JP-0315000 19901119
PR - 1990JP-0315000 19901119
IC - C07K-014/765 C07K-015/06 C07K-001/18 C07K-003/22
AB - JP04187700 A
Water soln. contg. albumin is purified by treating the soln. derived
from plasma by anion exchanger to eliminate aluminium.
- Albumin is derived from human, bovine or rabbit, pref. human. Amt. of
albumin is 0.1-30% (w/v), pref., 1-10%. Examples of anion exchanger
are insoluble carrier with anion exchange base such as DEAE-Sepharose,
Q-Sepharose, DEAE-Toyopearl, QAE-Toyopearl, A200 Cellofine, pref.
Q-Sepharose and QAE-Toyopearl. (RTM). Amt. of anion exchanger to
albumin (1g) is 2-5 ml, usually 3 ml. Treatment is pref. carried out
at upto 10 deg.C by column method, in which albumin soln. is adjusted
at pH 3-6, (4.5-5.5), NaCl at 0.001-0.2M, (0.001-0.5M) and buffer
soln. (0.02M sodium acetate, pH=5.1).
- USE/ADVANTAGE - Decreases amt. of aluminium in the soln. contg.
albumin. Albumin prepn. obtd. from the soln. is very safe, with its
aluminium content below 200 ppb (Dwg.0/0)
MC - CPI: B04-B04D2 B11-B
UP - 1992-33
UE - 2000-01

Search statement 2